

# AUTOMATIC QUERY ROUTING AND RANK CONFIGURATION FOR SEARCH QUERIES IN AN INFORMATION RETRIEVAL SYSTEM

## Abstract

A query is received and parsed to generate a set of query terms. Statistical information is identified regarding each of the query terms and different permutations of the query terms. Additionally, lexical affinities associated with the permutations of query terms are identified. Next, the query is classified into a query category and a set of ranking parameters and routing information (associated with the query category) are identified. The query is then issued to a search engine by applying the identified ranking parameters and routing information, whereupon the search engine executes the query and forwards search results that can be accessed by an application using an API (e.g., the results can be viewed via a browser).